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Our Case No. 7871/18

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
DAVID J. COLLODI)	
)	Examiner: Not Assigned
Serial No. Not Assigned)	
)	Group Art Unit No. Not Assigned
Filing Date:)	
)	
For METHOD AND APPARATUS FOR)	
PROVIDING SHADING IN A)	
GRAPHIC DISPLAY SYSTEM)	

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please amend this application as follows:

In the Claims:

Please cancel claims 1 through 17 and add the following new claims:

1. (New) A method for lighting surfaces in a rendering system comprising the steps of:
 - providing a scene database including a polygon having a polygon surface represented by three-dimensional vectors;
 - providing a light source defining a three-dimensional light source direction vector;
 - providing a bump map;
 - rotating the light source direction vector to a (3D) polygon orientation at each vertex;
 - interpolating the rotated light source direction vector at each vertex;